

Converting Colors

CIELCh(92, 27.490, 203.954)

Have a look what the booklet for
CIELCh(92, 27.490, 203.954)
contains.

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Color

CIELCh(92, 27.594, 203.135)

Conversions

Conversions Part 1

Format	Color
Hex	9EF7FC
RGB	158, 247, 252
RGB Percent	62%, 97%, 99%
CMY	0.3809, 0.0319, 0.0123
CMYK	0.37, 0.02, 0.00, 0.01
HSL	183°, 94%, 80%
HSV	183°, 37%, 99%
XYZ	64.8347, 80.7044, 104.1333
YIQ	220.9590, -54.6490, -17.3130

Conversions

Conversions Part 2

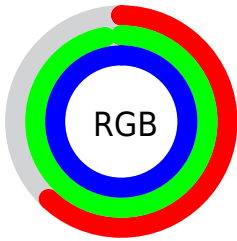
Format	Color
R _Y B	158, 204, 252
Decimal	10418172
CIE Lab	92.00, -25.37, -10.84
CIE LCh	92, 27.594, 203.135
Yxy	80.7044, 0.2597, 0.3232
Android (android.graphics.Color)	4288608252 (0xFF9EF7FC)
YUV	220.9590, 15.3032, -55.2150
Hunter-Lab	89.8356, -28.3882, -5.8413

Details

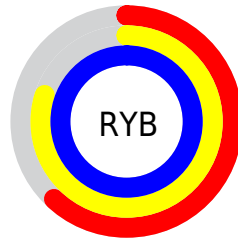
The CIELCh color **92, 27.594, 203.135** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 36.264, 26.776**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **72, 27.506, 203.095** is the 20% darker color. If you saturate the color by 10%, you get **91, 33.264, 203.092**, and if you desaturate by 10%, it is **94, 21.071, 203.287**.

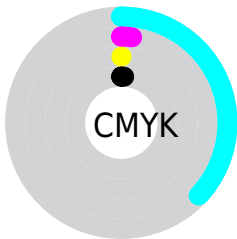
Distribution



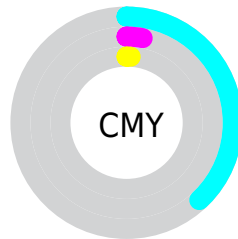
- Red (62%)
- Green (97%)
- Blue (99%)



- Red (62%)
- Yellow (80%)
- Blue (99%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (38%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 27.594, 203.135 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 92, 27.594, 203.135 by changing the saturation by 10% instead.


 92, 27.594,
203.135


 92, 27.594,
203.135


 100, 27.594,
203.135


 82, 27.594,
203.135

 72, 27.594,
203.135

 62, 27.594,
203.135

 52, 27.594,
203.135

 42, 27.594,
203.135

 32, 27.594,
203.135

 22, 27.594,

203.135

■ 12, 27.594,
203.135

■ 2, 27.594, 203.135

■ 92, 27.594,
203.135

■ 92, 27.594,
203.135

■ 91, 33.264,
203.092

■ 94, 21.071,
203.287

■ 89, 37.962,
203.183

■ 95, 13.831,
203.543

■ 88, 41.599,
203.425

■ 97, 6.014, 203.920

■ 88, 44.140,
203.835

■ 99, 0.991, 29.383

■ 100, 0.986, 79.027

■ 87, 45.619,
204.427

100, 1.529,
108.581

■ 86, 46.161,
205.208

100, 1.584,
110.011

■ 86, 46.224,
205.435

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



92, 27.594, 203.135



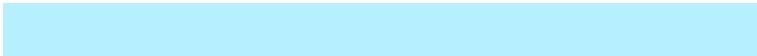
76, 36.264, 26.776

Rectangle

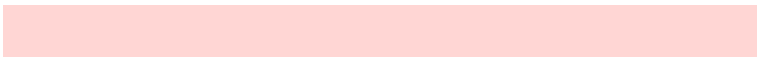
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 27.594, 203.135



92, 27.594, 253.135



92, 27.594, 23.135



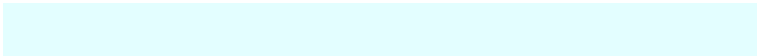
92, 27.594, 73.135

Sweetspot

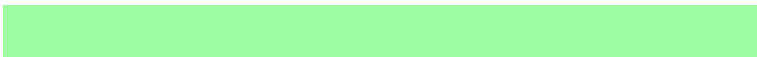
The Sweet Spot groups the original color and five complimentary colors.



92, 27.594, 203.132



98, 9.038, 203.760



91, 56.798, 142.955



52, 6.050, 203.709



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 27.594, 203.132



92, 32.350, 203.090



79, 29.907, 267.071



51, 4.614, 203.821



66, 37.249, 205.265



21, 16.988, 204.069

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 56.601, 328.000



74, 68.183, 328.412



87, 32.193, 75.720



49, 8.591, 326.413



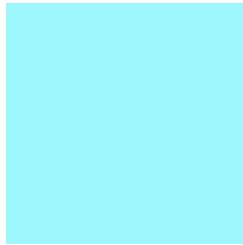
44, 88.388, 330.470



11, 40.202, 330.173

Previews

White Background



This preview shows how the CIE LCh color 92, 27.594, 203.135 looks on a white background.

Color Contrast Check

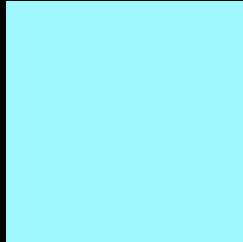
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 27.594, 203.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

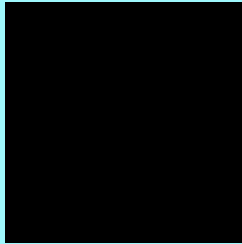
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 27.594, 203.135

Background



This preview shows how black text looks on a background with the CIELCh color 92, 27.594, 203.135.



This preview shows how white text looks on a background with the CIELCh color 92, 27.594, 203.135.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



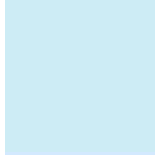


Tritanopia
92, 18.902, 221.062

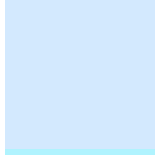
Trichromacy



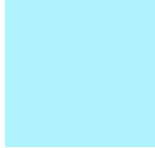
Original Color
92, 27.594, 203.135



Protanomaly
91, 11.323, 223.229



Deuteranomaly
91, 12.952, 256.539

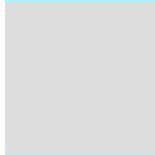


Tritanomaly
92, 21.845, 213.346

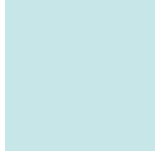
Monochromacy



Original Color
92, 27.594, 203.135



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 10.981, 204.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 27.594, 203.135 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 247, 252)` looks like.

```
.text, #text, p{  
    color:rgb(158, 247, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 247, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 247, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 27.594, 203.135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 247, 252) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 247, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 247, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 247, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 247, 252);  
box-shadow:4px 4px 4px 4px rgb(158, 247,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 27.594, 203.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 247, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
247, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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